

Attorney's Docket No. 15944.

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith for filing is the utility patent
application of: JOSEPH A. ZIEROLF

For: METHOD AND APPARATUS FOR DETERMINING
POSITION IN A PIPE

Enclosed Are:


1. Patent Application, 41 sheets
2. 4 Sheets of Formal drawings containing 7 figures
3. Combined Declaration and Power of Attorney, 2 sheets
4. Verified Statement claiming Small Entity Status, 1 sheet
5. Associate power of Attorney, 1 sheet
6. Information Disclosure Statement
7. Form PTO-1449, with copies of 13 references
8. Filing Fee in the Amount of \$380.00

The filing fee has been calculated as shown below:

BASIC FEE	SMALL ENTITY	\$380.00
TOTAL CLAIMS	(20 - 20 = 0) x 9	\$ 0.00
IND. CLAIMS	(2 - 3 = 0) x 39	\$ 0.00
TOTAL		<u>\$380.00</u>

Additional fees due, if any, may be charged to Deposit Account
No. 12-1662 of the undersigned.

Respectfully Submitted,


John Remon Wenzel
Registration No. 24,768
P.O. Box 15035,
Crystal City Station
Arlington, VA 22215-0035
(703) 486-1000
Attorney for Applicant

JRW:mlv

LITMAN LAW
OFFICES, LTD.
P.O. BOX 15035
ARLINGTON, VA 22215
(703) 486-1000

66/90/40
16618 U.S. PTO
09/28/99

U.S. PTO
09/28/99
04/06/99